

Message

From: Pero, Haley (Sanders) [Haley_Pero@sanders.senate.gov]
Sent: 5/11/2016 7:50:44 PM
To: Brown, Rudy [Brown.Rudy@epa.gov]
CC: George Twigg (george.twigg@mail.house.gov) [george.twigg@mail.house.gov]
Subject: RE: idling

Hi Rudy,

Many thanks for this info – I'll share it with the constituent.

All the best,
Haley

From: Brown, Rudy [mailto:Brown.Rudy@epa.gov]
Sent: Wednesday, May 11, 2016 2:29 PM
To: Pero, Haley (Sanders) <Haley_Pero@sanders.senate.gov>
Cc: George Twigg (george.twigg@mail.house.gov) <george.twigg@mail.house.gov>
Subject: FW: idling

Haley, please see the response below regarding waste heat from motor vehicles. I hope it is useful. Thanks.

From: Garcia, Ariel
Sent: Wednesday, May 11, 2016 12:11 PM
To: Brown, Rudy <Brown.Rudy@epa.gov>
Cc: Arnold, Anne <Arnold.Anne@epa.gov>; Rogan, John <Rogan.John@epa.gov>
Subject: RE: idling

Hello Rudy,

I just wanted to close the loop on this and provide some information.

It seems that EPA's limited resources are not being directed to focus on research of waste heat from motor vehicles, and the impacts of such waste heat on climate change is not a high concern.

With the passage of time (and improved vehicle technology), it appears the impacts of waste heat from motor vehicles on climate change continue to diminish. In the strive for better fuel efficiency in their vehicles, motor vehicle manufacturers have actually begun using advanced technology to capture waste heat from the vehicle, and utilize such waste heat to warm the vehicle's transmission, transmission fluid, engine, and engine components sooner. The capture of vehicle waste heat assist the vehicle's engine/transmission in reaching an optimal operating condition sooner. The ultimate impact of such technology results in less overall waste heat from the vehicle. In combination with the vehicle's improved fuel efficiency, the technology continues to reduce the impact of motor vehicles on climate change.

For more information on the climate change impacts of motor vehicles visit EPA's dedicated webpage at:
<https://www3.epa.gov/otaq/climate/index.htm>

In addition, for more information specifically on advanced engine technology, useful information can be found at EPA's Clean Automotive Technology webpage located at:
<https://archive.epa.gov/otaq/technology/web/html/>

I hope this information is helpful. Let me know if you have any further questions on this issue.

Thank you,

Ariel

Mr. Ariel Garcia
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From: Arnold, Anne
Sent: Friday, April 29, 2016 10:05 AM
To: Rogan, John <Rogan.John@epa.gov>; Garcia, Ariel <Garcia.Ariel@epa.gov>
Subject: FW: idling

John/Ariel:

Please respond. Thanks.

Anne Arnold, Manager
Air Quality Planning Unit
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617-918-1047

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5 Post Office Square - Suite 100
Mail Code OEP05-02
Boston, MA 02109-3912

From: Brown, Rudy
Sent: Thursday, April 28, 2016 1:36 PM
To: Arnold, Anne <Arnold.Anne@epa.gov>
Cc: Lewis, Josh <Lewis.Josh@epa.gov>; Gutro, Doug <Gutro.Doug@epa.gov>; Murphy, Jim <Murphy.Jim@epa.gov>
Subject: FW: idling

Anne, see the e-mail below, in particular the last paragraph. Has EPA studied heat from exhaust impacts on global warming? Thanks.

From: Pero, Haley (Sanders) [mailto:Haley_Pero@sanders.senate.gov]
Sent: Thursday, April 28, 2016 1:09 PM
To: Brown, Rudy <Brown.Rudy@epa.gov>

Cc: George Twigg (george.twigg@mail.house.gov) <george.twigg@mail.house.gov>; Lewis, Josh <Lewis.Josh@epa.gov>
Subject: RE: idling

Hi Rudy,

Thanks for the information. I knew about the Vermont statutes and EPA's idling regulation guidance, but I wasn't aware of the work in RI, CT, and MA. I'll share this with the constituent.

As you know one of the constituent's concerns is the widespread use of remote starters. I have conveyed to him that these are not regulated by EPA, and are not considered part of a vehicle's emissions system. He believes that these starters not only promote unnecessary idling, but that that this idling reduces gas mileage once the vehicle is driven. I have encouraged the constituent to connect with a Vermont-based advocacy group working on idling issues.

George and I have also compared notes about the constituent's concerns related to waste heat, particularly that released by cars. While some academic research has been done, it seems that it's been fairly minimal. From what I've read, waste heat can contribute to global warming, but it is not a significant source compared to carbon emissions. I'm assuming this is not an area EPA is working on.

All the best,
Haley

From: Brown, Rudy [<mailto:Brown.Rudy@epa.gov>]
Sent: Wednesday, April 27, 2016 11:52 AM
To: Pero, Haley (Sanders) <Haley_Pero@sanders.senate.gov>
Cc: George Twigg (george.twigg@mail.house.gov) <george.twigg@mail.house.gov>; Lewis, Josh <Lewis.Josh@epa.gov>
Subject: FW: idling

Haley, below is some additional information regarding idling. I hope it is helpful.

From: Arnold, Anne
To: Brown, Rudy <Brown.Rudy@epa.gov>
Cc: Rogan, John <Rogan.John@epa.gov>; Rennie, Gary <Rennie.Gary@epa.gov>
Subject: idling

Rudy

As we previously discussed, here is some information regarding idling.

Vermont has two state statutes on idling. VT DEC has a web page that includes links to these statutes as well as outreach materials, fact sheets, etc.

<http://dec.vermont.gov/air-quality/mobile-sources/be-idle-free>

These are state statutes and not enforceable by EPA.

On the other hand, RI, CT, and MA have adopted anti-idling regulations that EPA has approved into those states' air quality State Implementation Plans (SIPs). Thus, these states' regulations are enforceable by EPA and OES has taken some anti-idling enforcement actions.

EPA has also developed a model anti-idling regulation as a guide for states. It is posted here <https://www3.epa.gov/smartway/forpartners/documents/get-designated/420s06001.pdf>

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From: Rogan, John
Sent: Friday, April 15, 2016 11:26 AM
To: Arnold, Anne <Arnold.Anne@epa.gov>
Subject: FW: State Breakout Agenda

John Rogan | Phone 617.918.1645 | Fax 617.918.0645 | rogan.john@epa.gov
5 Post Office Square, Suite 100 | Mail Code: OEP05-2 | Boston, MA 02109-3912

From: Brown, Rudy
Sent: Friday, April 15, 2016 10:36 AM
To: Rogan, John <Rogan.John@epa.gov>
Subject: FW: State Breakout Agenda

John, idling continues. Can you give me a call? Thanks.

From: Pero, Haley (Sanders) [mailto:Haley_Pero@sanders.senate.gov]
Sent: Thursday, April 14, 2016 4:51 PM
To: Twigg, George <George.Twigg@mail.house.gov>; Brown, Rudy <Brown.Rudy@epa.gov>; Berry, Tom (Leahy) <Tom_Berry@leahy.senate.gov>
Subject: RE: State Breakout Agenda

Rudy,

Would it be possible to learn more about EPA's work on idling? I know you and I have been in touch on this in response to a constituent inquiry. We've continued to hear from the constituent on this issue, and I think it could be helpful to get an overview of things.

If this isn't feasible for Tuesday, perhaps we can connect at another point on the issue.

All the best,
Haley

From: Pero, Haley (Sanders)
Sent: Thursday, April 14, 2016 10:28 AM
To: 'Twigg, George' <George.Twigg@mail.house.gov>; 'Brown, Rudy' <Brown.Rudy@epa.gov>; Berry, Tom (Leahy)

<Tom_Berry@leahy.senate.gov>

Subject: RE: State Breakout Agenda

Thanks, Rudy. I'll plan on calling in.

From: Twigg, George [mailto:George.Twigg@mail.house.gov]

Sent: Thursday, April 14, 2016 9:09 AM

To: 'Brown, Rudy' <Brown.Rudy@epa.gov>; Pero, Haley (Sanders) <Haley_Pero@sanders.senate.gov>; Berry, Tom (Leahy) <Tom_Berry@leahy.senate.gov>

Subject: RE: State Breakout Agenda

Thanks Rudy. At this point it looks like I will unfortunately not be able to make it down next week, however I will plan to call in to the VT meeting.

From: Brown, Rudy [mailto:Brown.Rudy@epa.gov]

Sent: Wednesday, April 13, 2016 2:20 PM

To: Twigg, George; Haley Pero; Tom Berry

Subject: State Breakout Agenda

Hi.

Attached are proposed topics for the afternoon session. I have also included the meeting room. I will provide call in information. I look forward to our meeting.

Vermont Delegation State Specific Breakout

EPA Teaming Room (1st Floor)

1:30-2:30

Topics to cover

- Lake Champlain
- PFOA Update